

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-3. (Canceled)

4. (Currently Amended) A method for fabricating an electro-optical device which comprises a pair of substrates including a first substrate and a second substrate, a liquid crystal enclosed between the pair of substrates, and a plurality of pixels formed in a matrix disposed within said pair of substrates, said first substrate including a lens array substrate, said method comprising:

forming a plurality of convex microlenses with one microlens corresponding to each of said plurality of pixels on said lens array substrate;

forming a step portion substantially equal in height to said microlenses throughout a periphery of said first substrates;

adhering a transparent cover to said lens array substrate with an adhesive to cover said microlenses and said step portion, wherein the adhesive over the step portion is a thin layer, the thin layer includes a height that is less than the height of the adhesive over an inter lens positions adjacent to ones of the microlenses;

~~polishing a surface of the transparent cover after the adhering;~~

forming a sealing material of photo curing resin, the width of the step portion being greater than a maximum width of the sealing material;

superposing the first substrate on the second substrate to face said step portion with the sealing material therebetween, the periphery of the first substrate completely overlapping the sealing material; and

curing said sealing material while pressing said first substrate on the second substrate, wherein the curing is performed by emitting light to said sealing material through said step portion.

5. (Original) The method for fabricating an electro-optical device according to claim 4, said sealing material comprising a photo-curing resin.

6. (Canceled)

7. (Currently Amended) A method for fabricating an electro-optical device which comprises a pair of substrates including a first substrate and a second substrate, an electro-optical material enclosed between the pair of substrates, and a plurality of pixels formed in a matrix disposed within said pair of substrates, said first substrate including a lens array substrate, said method comprising:

forming a plurality of convex microlenses with one microlens corresponding to each of said plurality of pixels on said lens array substrate;

forming a step portion substantially equal in height to said microlenses throughout a periphery of said lens array substrate;

bonding a transparent cover to said lens array substrate with an adhesive so as to cover said microlenses and said step portion, wherein the adhesive over the step portion is a thin layer, the thin layer includes a height that is less than the height of the adhesive over an inter lens positions adjacent to ones of the microlenses;

~~polishing a surface of the transparent cover after the adhering;~~
forming a sealing material of photo curing resin, the width of the step portion being greater than a maximum width of the sealing material;

superposing the first substrate on the second substrate to face said step portion with said sealing material therebetween, the periphery of the first substrate completely overlapping the sealing material; and

curing said sealing material while applying pressure from an exterior of said pair of substrates, wherein the curing is performed by emitting light to said sealing material through said step portion.

8. (Original) The method for fabricating an electro-optical device according to claim 7, said sealing material comprising a photo-curing resin.

9.-26. (Canceled)

27. (Currently Amended) A method for fabricating an electro-optical device which comprises a pair of substrates including a first substrate and a second substrate, an electro-optical material enclosed between the pair of substrates, and a plurality of pixels formed in a matrix disposed within said pair of substrates, said first substrate including a lens array substrate, said method comprising:

forming a plurality of convex microlenses with one microlens corresponding to each of said plurality of pixels on said lens array substrate;

forming a step portion substantially equal in height to said microlenses by etching said lens array substrate;

adhering a transparent cover to said lens array substrate with an adhesive to cover said microlenses and said step portion, wherein the adhesive over the step portion is a thin layer, the thin layer includes a height that is less than the height of the adhesive over an inter lens positions adjacent to ones of the microlenses;

~~polishing a surface of the transparent cover after the adhering;~~

forming a sealing material of photo curing resin, the width of the step portion being greater than a maximum width of the sealing material;

superposing the first substrate on the second substrate to face said step portion with the sealing material therebetween; and

curing said sealing material while pressing said first substrate on the second substrate, wherein the curing is performed by emitting light to said sealing material through said step portion.